BRUHATH BANGALORE MAHANAGARA PALIKE

Ward :14 Bagalagunte

ME OF WORK :	Improvements & Providing Drinking of Water Supply in Bagalagunte Ward No 14							
Estimated Cost	10.00	Lakhs						
1	Description of work	Measurments					Qty	Rate	Amount
		Units	No	L	B	D			
1	KSRB 2-2.4 : Excavation 1.5m and above in width in soft rock without blasting for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches not exceeding 1.5m in depth, stacking the excavated stuff from edges of excavation with lead upto 50m including cost of explosives, labour and HOM of equipment complete as per specifications. specification. No. KBS 2.1.C / 2.9.4/2.18/2.19								
		Cum	1	3.50	3.50	2.50	30.63		
			1	100.00	0.40	0.60	24.00		
			1	3.50	3.00	3.00	31.50		
							86.13	953.64	82132.00
	Basic rate	883.00							
	8 % Area weightage	70.64							
	Total	953.64							
2	KSRB 4.1-3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarseaggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed, concrete laid in laye` not exceeding 15 cms. Thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2016-17)								
		Cum	1	3.50	3.50	0.20	2.45		
			1	3.50	3.00	0.20	2.10		
							4.55	5256.36	23916.00
	Basic rate	4867.00							
	8 % Area weightage	389.36							
	Total	5256.36							
3	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness including attached pilaste`, buttresses, plinth and string cou`es cost of all materials, labour complete as per specifications. Specification No KBS 4.6.2 Page No 15/ Item No 4.31/PWD SR 2016-17								

		SQMT	1	11.50	3.00		34.50		
			2	3.50	3.00		21.00		
			1	5.00	2.40		12.00		
							67.50	316.44	21360.00
	Basi rate	293.00							
	8 % Area weightage	23.44							
	Total	316.44							
	RB 4.2.7 : Providing and laying in position reinforced cement rete of design mix M25 with OPC cement @ 340kgs, with m cumand down size graded granite metal coarse aggregates .70cum andfine aggregtes @ 0.47cum, with superplastisiser 3lts confirming toIS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layersnot exceeding 15 cms thick, vibrated for all works in ground floor levelfor roof slabs, staircase, lintels and beams retaining walls, returnwalls, walls (any thickness) including attached pilasters, columns,Unties, pillars, posts, struts, buttresses, string or lacing courses,parapets, coping, bed blocks, anchor blocks, plain window cills, fiHetsj*tc., including cost of all materials, labour, HOM of machinery, curing,complete but excluding cost of reinforcement as per specifications,specification No. KBS 4.t, 4.6 .Page No. 13/ Item No.4.12 of PWD SR 2016-17.								
		Cum	1	11.50	3.00	0.20	6.90		
	footing for Water Tank		1	3.50	3.00	0.60	6.30		
			1	5.00	0.60	2.40	7.20		
	For Sump tank		1	3.00	3.00	0.15	1.35		
	For OHT		1	3.00	3.00	0.15	1.35		
							23.10	6876.36	158844.00
	Basic Rate	6367.00							
	Add Area Weightage 8%	509.36							
	Total	6876.36							
5	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.225 - I. no.28.8.2]								
		Tonnes							
			23		100.00		2310.00		
						Say	2.31	67736.52	156471.00
	Basic rate	62719.00							
	8 % Area weightage	5017.52							
	Total	67736.52							

	KSRB 10-4: Providing and laying four courses water proofing treatment with bitumen felt over roof consisting of first and third courses of blown and/or residual bitumen applied hot at 1.45 kg/sqm of area for each course second course of roofing felt Type - I grade-I (hessian based self finish bitumen felt) and forth and final course of stone grit 6mm and down size or pea sized gravel spread at 0.06 cum/sqm including preparation of surface but excluding grading complete with bitumen felt (hessian based) Type 3 grade -I blown or/ and residual bitumen applied hot 1.4kg/sqm including cost of materials, labour complete as per specifications. BS 10.4.3 IT No.10.3 Page No 66, PWD SR 2016-17								
		SQMT	2	11.50	3.00		69.00		
			2	4.00	3.00		24.00		
			2	6.20	7.00		86.80		
							179.80	333.72	60003.00
	Basic rate	309.00							
	8 % Area weightage	24.72							
	Total	333.72							
	KSRB 5-14 : Providing and constructing **precast concrete solid blocks** with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 25/ Item No. 5.27/ PWD SR 2016-17								
		SQMT	2	15.00	1.00		30.00		
			2	5.00	1.00		10.00		
							40.00	1011.96	40478.00
	Basic rate	937.00							
	Area weightage 8 %	74.96							
	Total	1011.96							
8	SRB 15.3.5: Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 96/ Item No. 15.13 / PWD SR 2016-17								
		Sqmt	2	15.00	1.00		30.00		
			2	5.00	1.00		10.00		
							40.00	200.88	8035.00
	Basic rate	186.00							
	Area weightage 8 %	14.88							
	Total	200.88							

	Providing and laying flooring using prepolished, water cut/ gang saw 19mm thick granite laid over existing floor in CM 1:4 at 20mm thick (average) and pointed with white/ grey pigment etc., complete.as per specification page No:107 Sl No: 14.47-1								
		Sqmt	2	15.00	1.00		30.00		
			2	5.00	2.00		20.00		
			4	5.00	1.00		20.00		
			2	3.00	2.00		12.00		
							82.00	2828.52	231939.00
	Basic rate	2619.00							
	Area weightage 8 %	209.52							
	Total	2828.52							
10	Providing and fixing MS Hand railing for Balcony with 50mm dia MS nollow pipe of 14 gauge, welded to 20mmx20mm M.S square rod placed vertically spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement barsand making good the surface. All the joints and sections hould be cut to lenght welded and grinded wherever necessary etc., complete. The work includes cost of all materials, labour charges for all items of work hire charges for welding, cutting and grinding equipment and elecricity charges etc., complete as per specification and drawing.								
		Sqm							
			1	12.50	1.00		12.50		
							12.50	2857.68	35721.00
	Basic rate	2646.00							
	Area weightage 8 %	211.68							
	Total	2857.68							
11	**Submarsibale singale phase 2.0HP/1.5KW**								
		Nos	1	1.00				26300.00	**26300.00**
12	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) **for 25mm nominal OD pipes(Page No. 96, Sl. No. 13.86.3)**								
		Rmt							
			1	115.00			**115.00**	270.00	**31050.00**
	Basic rate	250.00							

	ea Weightage 8 %	20.00							
	tal	270.00							
	VC Srorage tank		2	2000.00			4000.00		
	5 rs/ Liters						**4000.00**	5.00	**20000.00**
	Cpvc Elbows 25 MM	Nos	1	50.00			50.00		
	Data rate approved	35					**50.00**	35.00	**2320.00**
15	CPVC Tee 25 MM	Nos	1.	50.00			50.00		
	Data rate approved	50					**50.00**	46.40	**2320.00**
							Sub Total		**900889.00**
16	KRDIL Charges 7+3+1=11 %								99098.00
17	Miscellaneous and UnforessenCharges								13.00
									1000000.00
	Rupees Ten laks only								

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2016-17
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward No 14

Assistant Executive Engineer
T. Dasarahalli Sub-Division

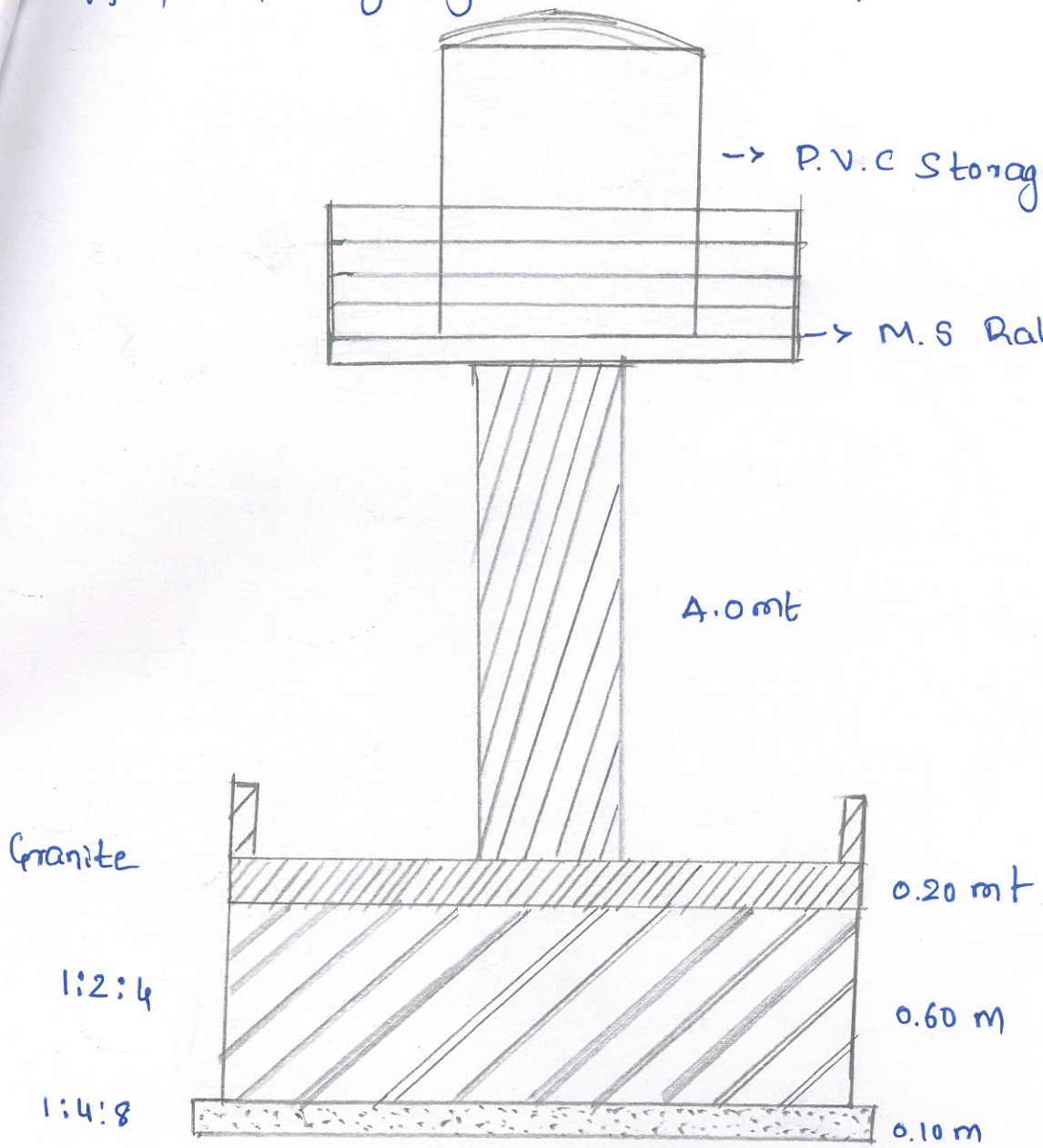
Executive Engineer
Dasarahalli Division

ನಂ. EE/DD/AS/579 ದಿನಾಂಕ : 1/12/17
17-18
ರೂ. 10.00 lakh only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. EE/DD/TS/ 413 ದಿನಾಂಕ : 1/12/17
17-18
ರೂ. 10.00 lakh only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

CROSS - SECTION OF O.H.T.

Nature of work :- Improvements & providing drinking wa
Supply in Bgalagunte ward no -14



NOT TO SCALE

Sbadagu
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು